INTERNATIONAL SEARCH REPORT

	INTERNATIONAL SEARCH REFORT		mernational applica	non No.
A CI LOCATION OF CAMPACTURE			PCT/JP2004/008504	
A. CLASSIFIC	ATION OF SUBJECT MATTER 7 F16C33/20, F16H53/06		_	
According to Int	ternational Patent Classification (IPC) or to both national	l classification and IPC	;	
B. FIELDS SEA				
Int.Cl	nentation searched (classification system followed by cla F16C33/20, F16H53/06	,		
Jitsuyo		nt that such documents roku Jitsuyo Sh tsuyo Shinan To	inan Koho 1	ields searched .994–2004 .996–2004
Flectronic data l	oase consulted during the international search (name of d	_		
	TS CONSIDERED TO BE RELEVANT	ara base ard, where pr	acticable, search term	ns used)
Category*	Citation of document, with indication, where app	propriate, of the releva	nt passages	Relevant to claim No.
x	JP 2002-295471 A (NTN Corp.)		-	1,8
Y	09 October, 2002 (09.10.02), Par. Nos. [0007] to [0010], [(Family: none)	•		2-7,9,10
Y	JP 2002-364647 A (NTN Corp.), 18 December, 2002 (18.12.02), Par. Nos. [0015], [0016], [0024] to [0028] (Family: none)		1	2-7,9
Y	JP 11-131198 A (Daido Steel 18 May, 1999 (18.05.99), Par. No. [0032] (Family: none)	Co., Ltd.),		2
× Further do	cuments are listed in the continuation of Box C.	See patent fami	ily annex.	
* Special cate	egories of cited documents:	"T" later document pu	thished after the intern	national filing date or priority
"A" document of	defining the general state of the art which is not considered ticular relevance	date and not in co	onflict with the applicati secry underlying the inv	on but cited to understand
"E" earlier appl	ication or patent but published on or after the international	"X" document of part	icular relevance; the cla	imed invention cannot be
filing date "L" document vited to es	which may throw doubts on priority claim(s) or which is tablish the publication date of another citation or other	step when the do	or cannot be consider current is taken alone	red to involve an inventive
special reas	son (as specified) referring to an oral disclosure, use, exhibition or other means	considered to in	ivolve an inventive st	imed invention cannot be ep when the document is
"P" document p	oublished prior to the international filing date but later than date claimed	being obvious to	a person skilled in the a er of the same patent far	
	al completion of the international search ober, 2004 (12.10.04)		e international search er, 2004 (26	
	ng address of the ISA/	Authorized officer		

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2004/008504

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Y	JP 9-78522 A (Howa Machinery,Ltd.), 25 March, 1997 (25.03.97), Par. No. [0007] (Family: none)		10
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